

# SEQUENCE LISTING

<110> Frolov, Ilya  
Frolova, Elena

<120> Large Scale Production of Packaged  
Alphavirus Replicons

<130> D6483

<141> 2003-12-12

<150> US 60/433,036  
<151> 2002-12-12

<160> 3

<210> 1  
<211> 211  
<212> RNA  
<213> artificial sequence

<220>  
<223> cis-acting sequences for alphavirus genome  
replication and transcription of subgenomic  
RNA

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accaucacaa uggagaagcc aguaguaaac guagacugga acccccagag 100  
uccguuuguc gugcaacugc aaaaaagcuu cccgcaauuu gagguaguag 150  
cacagcaggu cacuccaaau gaccaugcua augccagagc auuuucgcau 200  
cuggccagua a 211

<210> 2  
<211> 170  
<212> DNA  
<213> *Sindbis* virus

<220>  
<223> 5' end of Sindbis virus subgenomic RNA with  
authentic translational enhancers

<400> 2  
atagtcagca tagtacattt catctgacta atactacaac accaccacca 50  
tgaatagagg attctttaac atgctcggcc gccgcccctt cccggccccc 100  
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<210>	3	
<211>	137	
<212>	RNA	
<213>	artificial sequence	
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<223>	5' end of Sindbis virus subgenomic RNA with artificial translational enhancers	
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gcggccccga	ugccugccccg caacgggcug gcuucuc	137